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AMENDMENT TO THE CLAIMS

The following listing of claims will replace all prior versions of claims in the application:

- 1. (currently amended) An abrasive article comprising
 - a backing having a major surface; and

an abrasive coating on the major surface of the backing comprising at least 20% by weight of a superabrasive particle, wherein the abrasive coating is derived from an abrasive slurry comprising

superabrasive particles;

- a continuous phase comprising a reactive curing binder precursor; and
- a dispersant comprising a polymer having a molecular weight (Mw) of greater than 500 and an AV of greater than 4.5.
- 2. (original) The abrasive article of claim 1 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having a molecular weight (Mw) of greater than 1000.
- 3. (original) The abrasive article of claim 1 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having a molecular weight (Mw) of between about 3000 and about 4000.
- 4. (original) The abrasive article of claim 3 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having an AV of between about 5 and about 7.5.
- 5. (original) The abrasive article of claim 1 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having a molecular weight (Mw) of between about 8000 and about 9000.

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- 6. (original) The abrasive article of claim 5 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having an AV of between about 12 and about 13.
- 7. (original) The abrasive article of claim 1 wherein the abrasive coating comprises at least about 30% by weight of a superabrasive particle.
- 8. (original) The abrasive article of claim 7 wherein the abrasive coating comprises between about 30% by weight and about 80% by weight of a superabrasive particle.
- 9. (canceled)
- 10. (currently amended) The abrasive article of claim 1 [[9]] wherein the abrasive coating comprises a binder.
- 11. (original) The abrasive article of claim 1 wherein the superabrasive particle is diamond.
- 12. (original) The abrasive article of claim 11 wherein the diamond has a particle size less than 2 micrometers.
- 13. (currently amended) An abrasive article comprising
 - a backing having a major surface; and

an abrasive coating on the major surface of the backing comprising at least 20% by weight of a superabrasive particle, wherein the abrasive coating is derived from an abrasive slurry comprising

superabrasive particles;

- a continuous phase comprising a reactive curing binder precursor; and
- a dispersant comprising a polymer having a molecular weight (Mw) of greater than 10,000 and an AV of greater than 1.0.

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14. (currently amended) An abrasive article comprising

a backing having a major surface; and

an abrasive coating on the major surface of the backing comprising at least 20% by weight of a superabrasive particle, wherein the abrasive coating is derived from an abrasive slurry comprising

superabrasive particles;

- a continuous phase comprising a reactive curing binder precursor; and a dispersant comprising a polymer having a molecular weight (Mw) of greater than 100,000 and an AV of greater than 0.
- 15. (original) The abrasive article of claim 14 wherein the abrasive coating is derived from an abrasive slurry comprising a dispersant comprising a polymer having a molecular weight (Mw) of greater than 150,000.
- 16. (currently amended) An abrasive article comprising

a backing having a major surface; and

an abrasive coating on the major surface of the backing comprising at least 20% by weight of a superabrasive particle, wherein the abrasive coating is derived from an abrasive slurry comprising

superabrasive particles;

- a continuous phase <u>comprising a reactive curing binder precursor</u>; and a dispersant comprising a polymer having a molecular weight (Mw) of greater than 500 and a measurable total Amine Value.
- 17. (currently amended) A method of manufacturing an abrasive article comprising coating an abrasive slurry comprising superabrasive particles, a continuous phase comprising a reactive curing binder precursor, and a dispersant comprising a polymer having an average molecular weight (Mw) of greater than 500 and an AV of greater than 4.5 onto a backing, wherein the superabrasive particles comprise at least 20% dry weight of all solids in the slurry; and

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solidifying the abrasive slurry.

- 18. (original) The method of claim 17 wherein the abrasive slurry is cured.
- 19 (currently amended) An abrasive article comprising
 a backing having a major surface; and
 an abrasive coating on the major surface of the backing comprising at least 20% by
 weight of a superabrasive particle, wherein the abrasive coating comprises
 superabrasive particles;
- a continuous phase <u>comprising a reactive curing binder precursor</u>; and a dispersant comprising a polymer having a molecular weight (Mw) of greater than 500 and an AV of greater than 4.5.